

BENNETT - CATHEY

Artesia, New Mexico 88210

HARRY WILLIAMS

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY CLEMENTS ENERGY WELL NAME KINGS 35 WELL NO. 1
 DATE OF TEST 6-19-82 TO 6-22-82 FORMATION MORROW PAGE OF

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN

ELEMENT NUMBER RPG3 #41552 RANGE 6,000 LBS.
 CLOCK NUMBER 19040 RANGE 72 HOURS **JUL 1 1982**
 TIME WELL SHUT IN 1633 HOURS 6-19-82
 TIME CLOCK STARTED 1512 HOURS
 DEAD WEIGHT ELEMENT ON SURFACE 1600 PSIA FLOWING **O. C. D.**
 TIME ELEMENT REACHED BOTTOM 1624 HOURS **ARTESIA, OFFICE**
 DEAD WEIGHT ELEMENT ON BOTTOM 1600 PSIA FLOWING LBS.
 ELEMENT SET AT 4972 FEET.
 TEMPERATURE 4972 FT. °F.
 1965 PSIA DEAD WEIGHT AT THE END OF 65 HOURS 15 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
6-19-82	0	1633		2273	13.2	2290	
	1/4	1648		2294	13.2	2307	
	1/2	1703		2294	13.2	2307	
	3/4	1718		2294	13.2	2307	
	1	1733		2294	13.2	2307	
	1-1/2	1803		2294	13.2	2307	
	2	1833		2295	13.2	2308	
	2-1/2	1903		2295	13.2	2308	
	3	1933		2295	13.2	2308	
	3-1/2	2003		2297	13.2	2310	
	4	2033		2298	13.2	2311	
	4-1/2	2103		2298	13.2	2311	
	5	2133		2299	13.2	2312	
	6	2233		2301	13.2	2314	
	7	2333		2302	13.2	2317	
	8	2433		2305	13.2	2318	
6-20-82	9	0133		2306	13.2	2319	
	10	0233		2307	13.2	2320	
	12	0433		2310	13.2	2323	
	14	0633		2313	13.2	2326	
	16	0833		2315	13.2	2328	
	18	1033		2317	13.2	2330	
	20	1233		2317	13.2	2330	
	25	1733		2322	13.2	2335	
6-21-82	30	2233		2325	13.2	2338	
	35	0333		2328	13.2	2338	
	40	0833		2331	13.2	2344	
	45	1333		2335	13.2	2348	
	50	1833		2336	13.2	2349	
	55	2333		2338	13.2	2351	
6-22-82	60	0433		2341	13.2	2354	
	65	0933		2342	13.2	2355	